



# MotionCam-3D M

## Datasheet

General parameters	
Depth map resolution (static mode)	1600 x 1200
Depth map resolution (dynamic mode)	1120 x 800
Maximum FPS	20 fps
Maximum object / camera speed	40 m/s
3D points throughput	15 million points per second
GPU	NVIDIA Pascal™ Architecture GPU with 256 CUDA cores
Dimensions	80 x 68 x 427 mm
Weight	1400 g
Scanning range and performance	
Baseline	350 mm
Scanning range	497 - 939 mm
Depth range	442 mm
Optimal scanning distance (sweet spot)	650 mm
Scanning area (at sweet spot)	539 x 416 mm
Data acquisition time	10 ms
Point size (dynamic, at sweet spot)	0.55 mm
Accuracy (dynamic)	0.50 mm
Temporal noise (dynamic)	0.10 mm
Point size (static, at sweet spot)	0.37 mm
Accuracy (static)	0.25 mm
Temporal noise (static)	0.05 mm

## CAD Model

Download the CAD model of the MotionCam-3D M and its scanning volume:

[www.photoneo.com/dl/cad/cam-M](http://www.photoneo.com/dl/cad/cam-M)

# Scanning Volume

